



# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

SEPTEMBER 1939

Any five of the nontechnical publications listed herein, unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

### LEAFLETS

This series carries popular material of the same general character as that carried by the Farmers' Bulletins except that the Leaflets are confined to specific practical directions, recommendations, remedies, and methods. They are brief and concise, written in informal, popular style, and are limited to eight pages.

**Domestic mosquitoes.** F. C. Bishopp, Bureau of Entomology and Plant Quarantine. 8 p., illus. (Leaf. 186L.) Price 5¢.

**Blight of pears, apples, and quinces.** John W. Roberts, Bureau of Plant Industry. 4 p., illus. (Leaf. 187L.) Price, 5¢.

### TECHNICAL BULLETINS

The Technical Bulletin series contains the result of scientific and research work applying to a special crop, industry, or locality. The editions are limited as they are intended primarily for scientific workers and subject-matter specialists.

**Effect of storage temperatures on peaches.** M. H. Haller and P. L. Harding, Bureau of Plant Industry. 32 p., illus. (T. B. 680T.) Price, 5¢.

**The external anatomy of the larva of the Pacific coast wireworm.** H. P. Lanchester, Bureau of Entomology and Plant Quarantine. 40 p., illus. (T. B. 693T.) Price, 10¢.

### CIRCULARS

This series carries the less technical and more informal material of the same general nature as that in the Technical Bulletin series.

**Food habits of prairie dogs.** Leon H. Kelso, Bureau of Biological Survey. 16 p. (Cir. 529C.) Price, 5¢.

**Variety tests of sugarcanes in Louisiana during the crop year 1936-37 and summary of annual results, 1935-37.** George Arceneaux, R. T. Gibbens, Jr., and C. C. Krumbhaar, Bureau of Plant Industry. 27 p., illus. (Cir. 531C.) Price, 5¢.

### MISCELLANEOUS PUBLICATIONS

This series includes those publications of a miscellaneous nature which do not fall within any of the other series issued by the Department, particularly those of a size other than octavo. Such publications were formerly issued as Miscellaneous Circulars.

**Market diseases of fruits and vegetables: Grapes and other small fruits.** Dean H. Rose, C. O. Bratley, and W. T. Pentzer, Bureau of Plant Industry. 27 p., illus. (M. P. 340M.) Price, 40¢. Restricted distribution.

**Family income and expenditures: Plains and Mountain Region, Part 1, family income.** Gertrude Schmidt Weiss, Day Monroe, and Kathryn Cronister, Bureau of Home Economics, in cooperation with Works Progress Administration. 330 p., illus. (M. P. 345M.) Price, 30¢. For sale only.

**Soil conservation survey handbook.** E. A. Norton, Soil Conservation Service. 40 p., illus. (M. P. 352M.) Price, 20¢. Restricted distribution.

## SERVICE AND REGULATORY ANNOUNCEMENTS

Such notices of judgment, decisions, and instructions as are necessary in the enforcement of regulatory acts are contained in these announcements. They are issued monthly or as necessary by certain bureaus. Free distribution is limited to persons in the employ of the Department, to public officials whose duties render it necessary for them to have such information, to journals especially concerned, and to manufacturers and firms whose business is affected by the announcements.

**Bureau of Animal Industry.** Service and regulatory announcements. August 1939. Pp. 85-93. (S. R. A.-B. A. I. 388.) Price, 5¢ each.<sup>1</sup>

**Bureau of Entomology and Plant Quarantine.** Table of contents to Service and regulatory announcements 1938, with list of plant pests intercepted with imported plants and plant products. (S. R. A., B. E. P. Q.)<sup>2</sup>

**Modifications of Japanese beetle quarantine regulations.** Effective July 1, 1939. Revision of regulations 3, 5, 6, 7, and 9. Bureau of Entomology and Plant Quarantine. 9 p. (B. E. P. Q.-Q. 48.)<sup>2</sup>

## SOIL SURVEYS

These reports consist of two parts: (1) A soil map in colors showing the extent and distribution of the different soils in the area covered by the survey and (2) a printed report containing brief descriptions of the area, its climate and agriculture, and detailed descriptions of the soils. They are of interest and value primarily to residents of the area.

**Iowa, Decatur County.** (No. 7, series 1935.) 28 p., illus. Price, 35¢.

**Nebraska, Frontier County.** (No. 9, series 1935.) 34 p., illus. Price, 40¢.

**New Hampshire, Grafton County.** (No. 6, series 1935.) 79 p., illus. Price, \$1.00.

**Ohio, Logan County.** (No. 29, series 1933.) 48 p., illus. Price, 45¢.

**Oklahoma, Murray County.** (No. 8, series 1935.) 46 p., illus. Price, 35¢.

## OTHER PUBLICATIONS

**Coconino National Forest, Arizona.** Forest Service. 25 p., illus.<sup>2</sup>

**Land use adjustment in the Spring Creek area, Campbell County, Wyoming.** R. L. Spurlock, Soil Conservation Service. 15 p., illus. Price, 10¢. Restricted distribution.

**Meeting the challenge of agriculture.** A report of extension work in agriculture and home economics in 1936. C. W. Warburton, C. B. Smith, and Reuben Brigham, Extension Service. 104 p. Price, 15¢. For sale only.

**Products of American forests.** J. Alfred Hall and T. J. Mosley, Forest Service. 48 p., illus. Price, 20¢. Restricted distribution.

## PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

**Agricultural situation.** Vol. 23, no. 9, September 1939. Price, 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.<sup>1</sup>

A brief general summary of current conditions, including pertinent statistics relating to production, movement, consumption, and prices of the important farm products.

**Crops and markets.** Vol. 16, no. 8, August 1939. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.<sup>1</sup>

Statistics concerning crop and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

**Daily weather maps.** Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price, daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.00 a year. Sunday and holiday maps only 50¢ a year. Foreign subscription, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts are issued at numerous stations through the United States, 20¢ a month, \$2.40 a year.<sup>1</sup>

**Experiment station record.** Vol. 81, No. 3, September 1939. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign. Single numbers for sale only. Price, 15¢.<sup>1</sup>

A technical review of scientific literature pertaining to agriculture.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

<sup>2</sup> May be obtained from the issuing bureau.

Indicate below, by numbers IN NUMERICAL ORDER, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Requests for change of address must show old as well as new address.

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| Farmers' Bulletins | Leaflets | Other publications |
|--------------------|----------|--------------------|
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**Extension service review.** Vol. 10, no. 9, September 1939. Illus. Price, 10¢ a copy; 75¢ a year, domestic; \$1.15 a year, foreign.<sup>1</sup>

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

**Fire control notes.** Vol. 3, no. 4, October 1939. Price, 15¢ a copy; 50¢ a year, domestic.<sup>1</sup>

A quarterly periodical devoted to the technique of fire control. The articles deal with fire research or fire control management; theory, relationships, prevention, equipment, detection, communication, transportation, cooperation, planning, organization, personnel management, training, fire-fighting methods of reporting, and statistical systems.

**Journal of agricultural research.** Price, \$3.25 a year, domestic; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.<sup>1</sup> Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. The Office of Information has none for general distribution.

A-187. (In vol. 58, No. 10.) Interpretation of mendelian class frequencies. Walter A. Hendricks, Joseph P. Quinn, and Albert B. Godfrey.

A-190. (In vol. 58, No. 12.) Bactericidal efficiency of certain aniline dyes. F. W. Tilley.

G-1129. (In vol. 58, No. 11.) Brown necrosis, a discoloration associated with rust infection in certain rust-resistant wheats. E. S. McFadden.

G-1131. (In vol. 58, No. 11.) Root composition and top development in large pecan trees headed to various degrees of severity in top working. C. L. Smith, J. Hamilton, C. J. E. Thor, and L. D. Romberg.

G-1132. (In vol. 58, No. 12.) Identity and parasitism of a species of *Dothichloë*. William W. Diehl.

G-1133. (In vol. 58, No. 11.) Studies on the nature of brown root rot of tobacco and other plants. James Johnson.

G-1134. (In vol. 58, No. 12.) A physiological study of the prefilling period of fruit development in the pecan. C. J. E. Thor and C. L. Smith.

K-302. (In vol. 59, No. 1.) Transmission of sugarcane mosaic by aphids. H. D. Tate and S. R. Vanderberg.

Kans.-89. (In vol. 58, No. 12.) Growth of the hen's ovum. D. C. Warren and R. M. Conrad.

Kans.-90. (In vol. 58, No. 12.) Adequacy of labeling of certain textile fabrics with regard to fiber content. Hazel Fletcher and Lois Dennhardt.

Minn.-110. (In vol. 58, No. 12.) Individual and breed variations in pigs on rations devoid of vitamin D. D. W. Johnson and L. S. Palmer.

N. Y. (Cornell)-43. (In vol. 59, No. 1.) Effect of temperature on the rate of deterioration of fresh vegetables. Hans Platenius.

N. Y. (Geneva)-14. (In vol. 58, No. 12.) Dwarfing of cucurbits sprayed with bordeaux mixture. James G. Horsfall, G. E. R. Hervey, and R. F. Suit.

**Journal of agricultural research.** Vol. 59, No. 4, August 15, 1939.

**Monthly weather review.** Vol. 67, No. 6, June 1938. Illus. Price, 20¢ a copy; \$2.00 a year, domestic; \$2.75 a year, foreign.<sup>1</sup> Not for general distribution.

Contains (1) meteorological contributions and bibliography, (2) weather charts for the month with an interpretative summary and (3) climatological tables.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.



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**Soil conservation.** Vol. 5, no. 3, September 1939. Price, 10¢ a copy; \$1 a year, domestic; \$1.50 a year, foreign.<sup>1</sup>

Issued monthly by the Soil Conservation Service. Seeks to supply to workers and cooperators of the Department of Agriculture engaged in soil-conservation activities information of especial help to them in the performance of their duties.

**Weekly weather and crop bulletin.** Nos. 36-39, September 5-26, 1939. Price, 50¢ domestic; \$1.50 a year, foreign.<sup>1</sup>

Gives detailed weather conditions of preceding weeks and their effect on development of crops and farm operations. Limited edition.

<sup>1</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.